



# Electronic Filing System (EFS) Data

## Electronic Patent Application Submission

### USPTO Use Only

EFS ID: 47918  
Application ID: 10604076   
Title of Invention: SURFACTANT FOR BITUMEN  
SEPARATION  
First Named Inventor: Pat PAGE  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2003-06-25  
Effective Receipt Date: 2003-09-17  
Submission Type: Information Disclosure Statement  
Filing Type:  
Confirmation number: 1075  
Attorney Docket Number: 49919.1

Total Fees Authorized:

Digital Certificate Holder: cn=Edward Yoo,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: 406cb5fb04ed36dd2d29b74c771bf87e8f7ea5b8



## TRANSMITTAL

Electronic Version v1.1  
Stylesheet Version v1.1.0

Title of Invention	SURFACTANT FOR BITUMEN SEPARATION	
<p>Application Number: 10/604076 Date: 2003-06-25 First Named Applicant: Pat PAGE  Confirmation Number: 1075 Attorney Docket Number: 49919.1</p>		
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<p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>		
Submitted by:	Elec. Sign.	Sign. Capacity
Edward Yoo Registered Number: 41435	Edward Yoo	Agent
Documents being submitted us-ids	Files 49919-usidst.xml us-ids.dtd us-ids.xsl	
Comments		



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18  
Stylesheet Version v18.0

Title of Invention	SURFACTANT FOR BITUMEN SEPARATION											
Application Number:	10/604076											
Confirmation Number:	1075											
First Named Applicant:	Pat PAGE											
Attorney Docket Number:	49919.1											
Search string:	( 4765885 or 4229281 or 3644194 or 6251290 or 6193766 or 5120428 or 5008006 or 4704200 or 4462892 or 4929341 or 3660268 or 3951778 or 20020003115 ).pn.											
US Patent Documents												
Note: Applicant is not required to submit a paper copy of cited US Patent Documents												
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass					
	1	4765885	1988-08-23	Sadeghi, et al.	208	391						
	2	4229281	1980-10-21	Alquist, et al.	208	11						
	3	3644194	1972-02-22	Keely, deceased, et al.	208	11						
	4	6251290	2001-06-26	Conaway	210	759						
	5	6193766	2001-02-27	Jordan	44	308						
	6	5120428	1992-06-09	Ikura, et al.	208	188						
	7	5008006	1991-04-16	Miller, et al.	209	166						
	8	4704200	1987-11-03	Keane	208	390						
	9	4462892	1984-07-31	Schramm, et al.	208	11						
	10	4929341	1990-05-29	Thirumalachar, et al.	208	390						
	11	3660268	1972-05-02	Kelly, deceased, et al.	208	11						
	12	3951778	1976-04-20	Willard, Sr.	208	11						

## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass

	1	20020003115	2002-01-10	Conaway, et al.	210	759
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### Remarks

Note: Remarks are not for responding to an office action.

THIS IDS IS BEING FILED PRIOR TO THE ISSUANCE OF AN OFFICE ACTION

### Signature

Examiner Name	Date